

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In re U.S. Patent Application of

YAMAZAKI et al.

Application Number: 10/812,893

Filed: March 31, 2004

For: DISK ARRAY APPARATUS AND DISK ARRAY  
APPARATUS CONTROLLING METHOD

ATTORNEY DOCKET NO. ASAM.0118

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) Art Unit: 2186  
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Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted in connection with the Petition to Make Special Under 37 C.F.R. § 1.102(d) for accelerated examination, which is being submitted concurrently herewith.

**CERTIFICATION**

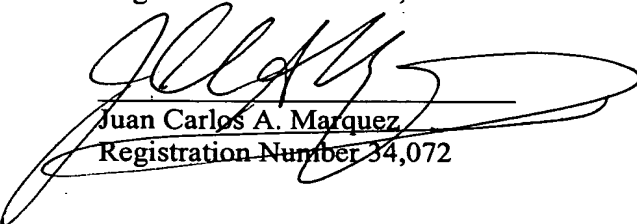
This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits in the above-identified application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

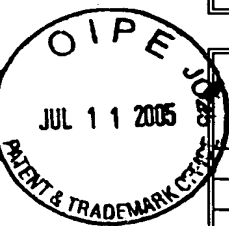
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Form PTO 1449	ATTY. DOCKET NUMBER ASAM.0118	SERIAL NUMBER 10/812,893
U.S. Department of Commerce Patent and Trademark Office	APPLICANT YAMAZAKI et al.	
Information Disclosure Statement by Applicant	FILING DATE March 31, 2004	GROUP 2186



## U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	5,691,948	11/25/97	Saskabe			12/5/96
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	2004/0225903 A1	11/11/2004	Hirezaki et al.			10/10/2003
	2004/0250148 A1	12/9/2004	Tsirkel et al.			6/9/2003

## Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	2002-297320	3/30/2001	Japan				
	WO 03/081416 A2	3/21/2003	PCT			X	

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

	Gurumurthi et al., "Interplay of Energy and Performance for Disk Arrays Running Transaction Processing Workloads", Dept. of Computer Science and Engineering, The Pennsylvania State University, and IBM Research Division, Thomas J. Watson Research Center, 10 pages

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

PTO1449